



# STIC Search Report

## EIC 1700

STIC Database Tracking Number: 162239

TO: Richard Crispino  
Location: REM 8D55  
Art Unit : 1700  
August 11, 2005

Case Serial Number: 10/620776

From: Mrs. Kendra Banks  
Location: EIC 1700  
REM 4B28  
Phone: 571-272-2516

Kendra.Mellerson@uspto.gov

### Search Notes

No Cases Reported

US 6,261,737

**Current session 11/08/2005**

Query/Command : N

..FILE / ..INFO / ..GUIDE

**Query/Command : FILE PLUSPAT**

QUESTEL - Time in minutes : 0,63

The cost estimation below is based on Questel's  
standard price list

Estimated cost :	0.68 USD
Cost estimated for the last database search :	0.68 USD
Estimated total session cost :	0.68 USD

Selected file: PLUSPAT

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Comprehensive Worldwide Patents database

New Patent Citation Commands & FAM Citation Report - see INFO PATCITE  
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for EP, WO and FR patents. For more details see below and on QO website

-To retrieve set of high relevancy X coded cited patents, use xctx=yes

-To extract cited patents with only high relevancy code, use mem/xctx

Last update of file: 2005/08/10 (YYYY/MM/DD) 2005-31/UP (last update)

Search statement 1

**Query/Command : US6261737/PN****\*\* SS 1: Results 1**

Search statement 2

**Query/Command : PRT FULL NONSTOP LEGALALL**

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*1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image***PN** - US6261737 B1 20010717 [US6261737]**TI** - (B1) Polymethine compounds, method of producing same, and use thereof**PA** - (B1) YAMAMOTO CHEMICALS INC (US)**PA0** - Yamamoto Chemicals, Inc., Osaka [JP]**IN** - (B1) FUJITA SHIGEO (JP); SASAKI NOBUAKI (JP); IWASAKI YASUHISA  
(JP)**AP** - US44725799 19991123 [1999US-0447257]

**PR** - JP35692798 19981130 [1998JP-0356927]  
**IC** - (B1) G03C-001/72 G03F-007/004  
**EC** - C07D-491/04 C07D-317:00A C07D-209:00A  
 B41M-005/40F2  
 C09B-023/00D  
**PCL** - ORIGINAL (O) : 430270100; CROSS-REFERENCE (X) : 008659000  
 008690000 101453000 101467000 430302000 430944000 430945000  
**DT** - Corresponding document  
**CT** - US4871656; EP0387357 A1; EP0438123 A2; EP1006116 A1  
**STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001  
**AB** - The invention provides near infrared absorbers showing high light-to-heat conversion efficiency and high sensitivity to laser beams whose emission region is within the range of 750 nm to 900 nm, plates for direct printing plate making, and novel compounds which can be used in such absorbers or plates. The compounds are polymethine compounds of the general formula (I) shown below and the near infrared absorbers comprise the polymethine compounds. (Chemical Structure image '1' not included in text)  
 In the formula, R1 represents an alkyl group, which may optionally be substituted, R2 represents a hydrogen atom or a lower alkyl group, R3 and R4 each independently represents a lower alkyl group or R3 and R4 may combinedly form a cyclic structure, L is an alkylene group which is required for the formation of a cyclic structure and may optionally be substituted, one or more carbon atoms of which cyclic structure may be replaced by some other atom(s) or atomic group(s), D and E each independently represents an oxygen atom or a methylene group, X represents a hydrogen or halogen atom or a substituted amino group, and Z represents a charge-neutralizing ion.  
**UP** - 2001-29

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1 / 1 LGST - ©EPO

**PN** - US6261737 B1 20010717 [US6261737]  
**AP** - US44725799 19991123 [1999US-0447257]  
**ACT** - 19991123 US/AS-A  
 ASSIGNMENT  
 OWNER: YAMAMOTO CHEMICALS, INC. 43, YUGECHOMINAMI 1-  
 CHOME; EFFECTIVE DATE: 19991111  
 ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:FUJITA,  
 SHIGEO;SASAKI, NOBUAKI;IWASAKI,  
 YASUHISA;REEL/FRAME:010417/0617  
  
 20040817 US/RF-A  
 REISSUE APPLICATION FILED  
 EFFECTIVE DATE: 20030717  
**UP** - 2004-35

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1 / 1 CRXX - ©CLAIMS/RRX

**PN** - 6,261,737 A 20010717 [US6261737]

**PA** - Yamamoto Chemicals Inc JP  
**ACT** - 20030717 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20040817  
REISSUE REQUEST NUMBER: 10/620776  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1752

Reissue Patent Number:

Search statement 2

**Query/Command : FILE INPADOC**

PLUSPAT - Time in minutes : 0,82  
The cost estimation below is based on Questel's  
standard price list

	Estimated cost :	2.25 USD
Records displayed and billed :	1	
	Estimated cost :	1.40 USD
Cost estimated for the last database search :		3.65 USD
Estimated total session cost :		4.33 USD

LGST - Time in minutes : 0,14  
The cost estimation below is based on Questel's  
standard price list

	Estimated cost :	0.18 USD
Records displayed and billed :	1	
	Estimated cost :	0.65 USD
Legal-Status informations :	1	
	Estimated cost :	0.50 USD
Cost estimated for the last database search :		1.33 USD
Estimated total session cost :		5.66 USD

CRXX - Time in minutes : 0,01  
The cost estimation below is based on Questel's  
standard price list

	Estimated cost :	0.01 USD
Records displayed and billed :	1	
	Estimated cost :	5.70 USD
Legal-Status informations :	1	
	Estimated cost :	0.50 USD
Cost estimated for the last database search :		6.21 USD
Estimated total session cost :		11.87 USD

LITA - Time in minutes : 0,01  
The cost estimation below is based on Questel's  
standard price list

	Estimated cost :	0.02 USD
Cost estimated for the last database search :		0.02 USD
Estimated total session cost :		11.89 USD

Selected file: INPADOC

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Covers 1968/1973 thru weekly updates (2005-31)  
For information on content, (...)INFO INPD.

Search statement 1

**Query/Command : FAM US6261737/PN**

1 Patent Groups

**\*\* SS 1: Results 6**

Search statement 2

**Query/Command : FAMSTATE NONSTOP**

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*1 / 6 INPADOC - ©INPADOC*

**PN** - DE 69910333 C0 20030918 [DE69910333]  
**TI** - Polymethin verbindungen, ihre verfahren zur herstellung und ihre verwendung  
**IN** - FUJITA SHIGEO [JP]; SASAKI NOBUAKI [JP]; IWASAKI YASUHISA [JP]  
**PA** - YAMAMOTO CHEMICALS INC [JP]  
**AP** - DE 69910333/99-A 19991119 [1999DE-6010333]  
**PR** - JP 356927/98-A 19981130 [1998JP-0356927]  
**IC** - C07D-491/056; C07D-491/048; C07D-209/70; C09B-023/08; B41M-005/26;  
C07D-491/04

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*1 / 1 LEGALI - ©EPO*

**PN** - DE69910333 D1 20030918 [DE69910333]DE69910333 T2 20040603  
[DE69910333]  
**AP** - DE69910333 19991119 [1999DE-6010333]  
**ACTE** - 20040909 DE/8364-A [+]  
NO OPPOSITION DURING TERM OF OPPOSITION  
**UP** - 2004-37

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*2 / 6 INPADOC - ©INPADOC*

**PN** - DE 69910333 T2 20040603 [DE69910333]  
**TI** - Polymethin verbindungen, ihre verfahren zur herstellung und ihre verwendung  
**IN** - FUJITA SHIGEO [JP]; SASAKI NOBUAKI [JP]; IWASAKI YASUHISA [JP]  
**PA** - YAMAMOTO CHEMICALS INC [JP]  
**AP** - DE 69910333/99-A 19991119 [1999DE-6010333]  
**PR** - JP 356927/98-A 19981130 [1998JP-0356927]  
**IC** - C07D-491/056; C07D-491/048; C07D-209/70; C09B-023/08; B41M-005/26;  
C07D-491/04

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*1 / 1 LEGALI - ©EPO*

**PN** - DE69910333 D1 20030918 [DE69910333]DE69910333 T2 20040603  
[DE69910333]  
**AP** - DE69910333 19991119 [1999DE-6010333]  
**ACTE** - 20040909 DE/8364-A [+]  
NO OPPOSITION DURING TERM OF OPPOSITION  
**UP** - 2004-37

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*3 / 6 INPADOC - ©INPADOC*

**PN** - EP 1006116 A1 20000607 [EP1006116]  
**TI** - POLYMETHINE COMPOUNDS, METHOD OF PRODUCING SAME, AND  
USE THEREOF  
**LA** - ENG  
**IN** - FUJITA SHIGEO [JP]; SASAKI NOBUAKI [JP]; IWASAKI YASUHISA [JP]  
**PA** - YAMAMOTO CHEMICALS INC [JP]  
**AP** - EP 99309223/99-A 19991119 [1999EP-0309223]  
**PR** - JP 356927/98-A 19981130 [1998JP-0356927]  
**IC** - C07D-491/056; C07D-491/048; C07D-209/70; C09B-023/08; B41M-005/26;  
C07D-491/04; C07D-491/056; C07D-317/00; C07D-209/00; C07D-491/048;  
C07D-307/00; C07D-209/00  
**DS** - DE\* FR\* GB\*

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*1 / 1 LEGALI - ©EPO*

**PN** - EP1006116 A1 20000607 [EP1006116]EP1006116 B1 20030813 [EP1006116]  
**AP** - EP99309223 19991119 [1999EP-0309223]  
**ACTE** - 20000607 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
DE FR GB  
  
20000607 EP/AX-A [+]  
EXTENSION OF THE EUROPEAN PATENT TO  
AL;LT;LV;MK;RO;SI  
  
20010117 EP/17P-A [+]  
REQUEST FOR EXAMINATION FILED  
EFFECTIVE DATE: 20001120  
  
20010221 EP/AKX-A [+]  
PAYMENT OF DESIGNATION FEES  
DE FR GB  
  
20020515 EP/17Q-A [+]  
FIRST EXAMINATION REPORT  
EFFECTIVE DATE: 20020402

20030813 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
DE FR GB

20030813 EP/REG-A; GB/FG4D [+]  
GB: EUROPEAN PATENT GRANTED  
<GB>

20030918 EP/REF-A  
CORRESPONDS TO:  
(DE 69910333 20030918 [DE69910333])

20040611 EP/ET-A [+]  
FR: TRANSLATION FILED

20040804 EP/26N-A [+]  
NO OPPOSITION FILED  
EFFECTIVE DATE: 20040514

UP - 2004-32

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4 / 6 INPADOC - ©INPADOC

PN - EP 1006116 B1 20030813 [EP1006116]  
TI - POLYMETHINE COMPOUNDS, METHOD OF PRODUCING SAME, AND  
USE THEREOF  
LA - ENG  
IN - FUJITA SHIGEO [JP]; SASAKI NOBUAKI [JP]; IWASAKI YASUHISA [JP]  
PA - YAMAMOTO CHEMICALS INC [JP]  
AP - EP 99309223/99-A 19991119 [1999EP-0309223]  
PR - JP 356927/98-A 19981130 [1998JP-0356927]  
IC - C07D-491/056; C07D-491/048; C07D-209/70; C09B-023/08; B41M-005/26;  
C07D-491/04; C07D-491/056; C07D-317/00; C07D-209/00; C07D-491/048;  
C07D-307/00; C07D-209/00  
DS - DE\* FR\* GB\*

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1 / 1 LEGALI - ©EPO

PN - EP1006116 A1 20000607 [EP1006116]EP1006116 B1 20030813 [EP1006116]  
AP - EP99309223 19991119 [1999EP-0309223]  
ACTE - 20000607 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
DE FR GB  
  
20000607 EP/AX-A [+]  
EXTENSION OF THE EUROPEAN PATENT TO  
AL;LT;LV;MK;RO;SI

20010117 EP/17P-A [+]  
REQUEST FOR EXAMINATION FILED  
EFFECTIVE DATE: 20001120

20010221 EP/AKX-A [+]  
PAYMENT OF DESIGNATION FEES  
DE FR GB

20020515 EP/17Q-A [+]  
FIRST EXAMINATION REPORT  
EFFECTIVE DATE: 20020402

20030813 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
DE FR GB

20030813 EP/REG-A; GB/FG4D [+]  
GB: EUROPEAN PATENT GRANTED  
<GB>

20030918 EP/REF-A  
CORRESPONDS TO:  
(DE 69910333 20030918 [DE69910333])

20040611 EP/ET-A [+]  
FR: TRANSLATION FILED

20040804 EP/26N-A [+]  
NO OPPOSITION FILED  
EFFECTIVE DATE: 20040514

UP - 2004-32

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5 / 6 INPADOC - ©INPADOC

PN - JP 2000226528 A2 20000815 [JP2000226528]  
TI - POLYMETHINE COMPOUND, ITS PRODUCTION AND USE THEREOF  
IN - FUJITA SHIGEO; SASAKI NOBUAKI; IWASAKI YASUHISA  
PA - YAMAMOTO CHEMICALS INC  
AP - JP 335362/99-A 19991126 [1999JP-0335362]  
PR - JP 335362/99-A 19991126 [1999JP-0335362]  
JP 356927/98-A 19981130 [1998JP-0356927]  
IC - C09B-023/00; B41M-005/26; C07D-491/048; C07D-491/056; C07D-491/107;  
C07D-491/113; G03C-001/20; G03F-007/004; G11B-007/24; B41N-001/14

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6 / 6 INPADOC - ©INPADOC

PN - US 6261737 BA 20010717 [US6261737]  
TI - POLYMETHINE COMPOUNDS, METHOD OF PRODUCING SAME, AND  
USE THEREOF



**IN** - FUJITA SHIGEO [JP]; SASAKI NOBUAKI [JP]; IWASAKI YASUHISA [JP]  
**PA** - YAMAMOTO CHEMICALS INC [US]  
**AP** - US 447257/99-A 19991123 [1999US-0447257]  
**PR** - JP 356927/98-A 19981130 [1998JP-0356927]  
**IC** - G03C-001/72; G03F-007/004

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*1 / 1 LEGALI - ©EPO*

**PN** - US6261737 B1 20010717 [US6261737]  
**AP** - US44725799 19991123 [1999US-0447257]  
**ACTE** - 19991123 US/AS-A  
ASSIGNMENT  
OWNER: YAMAMOTO CHEMICALS, INC. 43, YUGECHOMINAMI 1-  
CHOME; EFFECTIVE DATE: 19991111  
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:FUJITA,  
SHIGEO;SASAKI, NOBUAKI;IWASAKI,  
YASUHISA;REEL/FRAME:010417/0617  
  
20040817 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20030717  
**UP** - 2004-35

Search statement 2

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## Patent Search - Number: 6261737

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PATNO IS 6261737

DATE: AUGUST 11, 2005  
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FILE: ALL

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PATNO IS 6261737

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LEVEL 1... 1

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To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6261737 , July 17, 2001 , Polymethine compounds, method of producing same, and use thereof, Fujita, Shigeo - Osaka, Japan (JP); Sasaki, Nobuaki - Kyoto, Japan (JP); Iwasaki, Yasuhisa - Nara, Japan (JP), 447257 (09), Yamamoto Chemicals, Inc., Osaka, Japan (JP), 03, November 23, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., YAMAMOTO CHEMICALS, INC. 43, YUGECHOMINAMI 1-CHOME, YAO OSAKA 584-0 JAPAN, Reel and Frame Number: 10417/0617

CORE TERMS: compound, laser, formula, atom, layer, infrared, near, polymethine, resin, dye ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6261737

July 17, 2001

Polymethine compounds, method of producing same, and use  
thereof

REISSUE: July 17, 2003 - Reissue Application filed Ex. Gp.: 1752; Re. S.N.  
10/620,776 (O.G. August 17, 2004)

APPL-NO: 447257 (09)

FILED-DATE: November 23, 1999

GRANTED-DATE: July 17, 2001

CORE TERMS: compound, laser, formula, atom, layer, infrared, near, polymethine,  
resin, dye ...

6261737 OR 6,261,737

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.